

In the United States Nonprovisional
Patent Application of

Alex Williams

Title of the Invention

Ribbed Towel with Handles

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*Kathleen M. Harleston
Registered Patent Attorney*

*The Harleston Law Firm LLC
909 Tall Pine Road
Mt. Pleasant, South Carolina 29464
Telephone: (843)971-9453
harlestonlawfirm@bellsouth.net*

United States Nonprovisional Patent Application of

ALEX WILLIAMS

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1881 Ivy Hall Road

Charleston, South Carolina 29407

Citizen of the United States

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SPECIFICATION

TITLE OF THE INVENTION

Ribbed Towel With Handles

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BACKGROUND OF THE INVENTION

Technical Field:

The present towel device relates generally to bathing and massaging devices, and
20 more particularly to a ribbed towel device with handles for massaging and/or drying the
back area or any other hard-to-reach part of the body during or after bathing or showering.

Background Information:

Since the inception of bathing thousands of years ago, numerous bathing
25 accessories have emerged to make bathing easier, more pleasurable, and efficient. Stores
carry all types of wash cloths, towels, sponges, and scrubbers. For example, devices for
washing the back and other areas of the body are especially plentiful and well known in the
art. U.S. Patent 6,227,742 issued to Corn et al., U.S. Patent 5,545,456 issued to Suida,
U.S. Patent 5,509,164 issued to Weill, U.S. Patent 5,468,064 issued to Schulte, U.S. Patent
30 4,196,490 issued to Jonzon, U.S. Patent 3,977,796 issued to Gillespie et al., and U.S.

Patent 3,860,349 issued to Scott disclose such devices. U.S. Patent 3,959,841 issued to Horne even describes a device for applying liquid preparations, such as lotions and creams, on hard-to-reach parts of the user's body, such as the back.

5 Although a multiplicity of gadgets for washing and otherwise treating hard-to-reach areas of the body exist, there appear to be no inventions that specifically dry and massage these hard-to-reach areas at the same time. Only U.S. Patent 6,505,367 issued to Griffin et al. makes known a bath towel device for picking up, holding, and drying infants and other small children, but this towel does not provide massaging action. Many massaging apparatus are publicized and marketed, but none of these are also capable of drying action.
10 A conventional bath towel only imparts a rubbing/drying action, not a massaging action, to body parts. Thus, there is a need for a new and improved towel device that both massages and dries the back and other difficult-to-reach parts of the body during and/or after bathing.

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BRIEF SUMMARY OF THE INVENTION

A ribbed towel device for massaging and/or drying hard-to-reach areas of the body during or after bathing includes:

- (a) an elongate body of an absorbent material, the elongate body having
20 opposite lateral ends;
- (b) a handle at each opposite lateral end of the elongate body;
- (c) a plurality of spaced-apart, rod-shaped pockets in the elongate body;
- (d) a plurality of massage bars, each one being inserted in one of the
pockets; and preferably
- 25 (e) end seams extending transversely across opposite ends of the
elongate body; and

(f) a channel at each of the opposite ends of the elongate body, each channel being formed by the end seams; wherein each handle extends through one of the channels.

5 The handles are preferably ring-shaped and flexible, and are optionally removable. The massage bars are rigid, flexible, or a combination thereof. The massage bars are preferably removable, heatable, and microwavable.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS

10 A more complete understanding of the invention and its advantages will be apparent from the following detailed description taken in conjunction with the accompanying drawings, wherein examples of the invention are shown, and wherein:

15 FIG. 1 shows a perspective view of a ribbed towel device according to the present invention, shown in use on a back;

FIG. 2 is a perspective view of the ribbed towel device according to FIG. 1;

20 FIG. 3 is a perspective view of a cut-away enlargement of a section of the ribbed towel device shown in FIG. 2;

FIG. 4 is a perspective view of a second, alternate embodiment of a ribbed towel device according to the present invention, having two matching two-piece handles;

25 FIG. 5 is a perspective view of a third, alternate embodiment of a ribbed towel device according to the present invention, having fewer pockets with massage bars;

FIG. 6 is a perspective view of a fourth, alternate embodiment of a ribbed towel device according to the present invention, in which the seams and massage bars are irregular in shape;

5 FIG. 7 is a perspective view of a fifth, alternate embodiment of a ribbed towel device according to the present invention, having bar-shaped handles; and

FIG. 8 is a perspective view of a sixth, alternate embodiment of a ribbed towel device according to the present invention, having bar-shaped handles.

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DETAILED DESCRIPTION OF THE INVENTION

In the following description, like reference characters designate like or corresponding parts throughout the several views. Also, in the following description, it is
15 to be understood that such terms as "front," "back," "within," and the like are words of convenience and are not to be construed as limiting terms. Referring in more detail to the drawings, the invention will now be described.

Referring to FIG. 1, a ribbed towel device 10 is comprised of an elongate body 11
20 made of a single piece of absorbent material, such as terry cloth, which is folded in two along its longitudinal central axis. Alternatively, the elongate body 11 may be made of two identical, superimposed matching pieces of an absorbent material. The elongate body is preferably rectangular in shape, with two opposite lateral ends. It is preferably not a strap. In this preferred embodiment, substantially parallel, transverse end seams 12 at each lateral
25 end of the elongate body 11 form matching end channels 14 through which a portion of each handle 13 passes. In use, the towel device 10 is pulled back and forth across a user's back 15 or any other hard to reach area of the body during or after a bath or shower ("bathing").

In FIG. 1, the handles 13 are ring-shaped and flexible. The handles 13 are also preferably removable. In one embodiment of the invention, the handles 13 are made of rope, preferably five-eighth (5/8) inch in diameter. The handle also provides an easy way
5 to hang the towel device 10 on a hook on a wall.

Turning to FIG. 2, the towel device 10 further comprises a plurality of sets of additional, substantially parallel, spaced-apart seams 16 A, B between the two layers of material of the elongate body 11. The seams 16 A, B are preferably generally perpendicular to a longitudinal axis of the elongate body 11, and each one preferably extends the width of the elongate body. In this preferred embodiment, the substantially parallel seams 16 are also linear. As shown in FIGS. 1 and 2, the substantially parallel seams 16 are located between the two end seams 12 and each set of the substantially parallel seams 16 A, B forms a pocket 17.
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As shown in FIG. 3, each pocket 17 encloses a massage bar 18, hence the term “ribbed towel device”. The massage bars 18 are preferably generally cylindrical in shape, and similar in size to the pockets and to one another. In this preferred embodiment, the matching, rod-shaped massage bars 18 in their pockets 17 are substantially parallel to one another. In this preferred embodiment, all of the massage bars 18 are substantially the same size, and each bar extends substantially the width of the towel device 10 within its corresponding pocket 17. The massage bars 18 may be flexible, rigid, or a combination thereof. For example, the massage bars 18 can be made of rope, wood, plastic, or a combination thereof. In one embodiment of the invention, the massage bars 18 are made
20 of three (3) strand cotton rope that is about five-sixteenths of an inch (5/16") in diameter.
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In use, the matching bars 18 massage the area of the body over which the ribbed towel device 10 is pulled. They also weight the towel device 10, so that it is easier to

manipulate, and increase contact of the terry cloth or other towel material with the user's skin. The evenly distributed weight of the bars in the towel device **10** also makes it easier to hang the towel device over a bathtub edge or a shower stall before or after use. Because of the distributed weight of the bars **18**, the towel device **10** is also easier to hang over the
5 back of a chair on a piece of gym equipment, for example, than a conventional towel, which has a tendency to slide off. For this type of use, a more comfortable, flexible bar material is preferred, such as a soft plastic, spongy material, or a fluid-filled rubber-type material.

10 The massage bars **18** are preferably made of a durable, heatable, microwavable material, so that they can be heated to a safe temperature in a microwave just prior to insertion in the pockets **17** for a warm, pleasant effect on the skin during self-massage/drying. After use, the microwavable bars are removed from the pockets **17**, so that the elongate body can be washed. Then the bars **18** can be reheated just prior to
15 reinsertion in the pockets **17**, and re-use of the towel device **10**.

20 In the embodiment of the invention in which the elongate body **11** is made of a single piece that is folded in two along its longitudinal axis, the free, longitudinal edge of the elongate body **11** may be seamed, so the massage bars **18** are permanently enclosed in the pockets **17**. However, in an alternate embodiment of the invention, the free, longitudinal edge of the elongate body **11** may be left open such that the massage bars **18** are removable for washing of the towel device **10**.

25 The pockets **17** preferably open on one or both of the longitudinal edges of the towel device **10**, but not the lateral ends of the towel device, which hold the handles **13**. Preferably, the pockets **17** do not require securing flaps or the like on each pocket because each bar **18** fits closely into its pocket **17**; therefore, the pockets do not require securing means to retain the bars in the pockets.

In the embodiment of the invention in which elongate body 11 is made of two superimposed matching pieces, one or both free, longitudinal edges of the elongate body 11 may be seamed, so the massage bars 18 are permanently enclosed in the pockets 17.

5 Alternatively, both free edges of the elongate body 11 may be left open such that the massage bars 18 are removable from either side of the towel device for washing of the towel device 10. In yet another embodiment of this embodiment, one free edge of the elongate body 11 is seamed such that the massage bars 18 are removable.

10 When it is used after a bath, shower, steam bath, etc., the ribbed towel device 10 provides simultaneous massaging and drying of the body. It can also be used in the shower for massaging and abrading the skin.

Turning to FIG. 4, an alternate embodiment of a ribbed towel device 20 includes
15 two matching handles 13, each of which comprises a first component 21 and a second component 22, which are sewn or otherwise fused into the ends of the channels 14. The first component 21 and second component 22 are preferably flexible.

Referring to FIG. 5, an alternate embodiment of a ribbed towel device 30 has three
20 pockets 17, each holding a massage bar 18. More or fewer pockets would also be acceptable. Between the pockets are plugs 31, which are smaller pieces of the bar material or another durable, comfortable material sewn or otherwise fused into the elongate body for weighting. The plugs 31 are preferably interspersed at central locations between the pockets 17, as shown in FIG. 5. The plugs 31 allow somewhat easier manipulation of the
25 towel device. They also contribute to the massaging action when the towel device 30 is in use. The plugs may be magnets, or a magnetic material, sewn into the elongate body at approximately equal intervals, since magnets are thought by some to convey a healing

property. The plugs may also be a scented material for providing a pleasant fragrance while the user is drying off.

FIG. 6 illustrates an alternate embodiment of a ribbed towel device 40 according to 5 the present invention, in which the spaced-apart, substantially parallel seams 16 A, B, as well as the massage bars within the pockets formed by the seams, are irregular in shape. It is believed that the curved shape of the massage bars contributes to the massaging action when the towel device is pulled back and forth across the back or other body area by the user.

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Referring to FIG. 7, an alternate embodiment of a ribbed towel device 50 resembles the embodiment of FIG. 2, except that it includes bar-shaped handles 51 within the end channels 14 at opposite ends of the elongate body 11. The bar-shaped handles include removable end bars with bulbous opposite ends 53, each bulbous end bar being enclosed in 15 an end channel 14, as shown in FIG. 7.

Referring to FIG. 8, an alternate embodiment of a ribbed towel device 60 resembles the embodiment of FIG. 2, except that it includes a second embodiment of bar-shaped handles 54 within the end channels 14 at opposite ends of the elongate body 11. Two of 20 the massage bars 17 are utilized, and the ends of the channels 14 include corresponding lock and loop patches 52, which are shown in outline in FIG. 8, for closing the end channels after the bars 17 have been inserted in the end channels 14.

Preferably, the elongate body 11 herein is not made of nylon or netting, nor does it 25 require an overlay or second layer of nylon or netting. The pockets 17 are integral to the elongate body. Preferably, the pockets 17 are not openable, and the massage bars 18 are not removable. Preferably, the pockets 17 are not all-purpose, and only the massage bars

18 fit into the pockets. Special massage equipment is not required herein; the bars are simple rod-shaped bars.

From the foregoing it can be realized that the described ribbed towel device of the
5 present invention may be easily and conveniently utilized during or after bathing. It is to be understood that any dimensions given herein are illustrative, and are not meant to be limiting.

While preferred embodiments of the invention have been described using specific
10 terms, this description is for illustrative purposes only. It will be apparent to those of ordinary skill in the art that various modifications, substitutions, omissions, and changes may be made without departing from the spirit or scope of the invention, and that such are intended to be within the scope of the present invention as defined by the following claims.
15 It is intended that the doctrine of equivalents be relied upon to determine the fair scope of these claims in connection with any other person's product which fall outside the literal wording of these claims, but which in reality do not materially depart from this invention.

Without further analysis, the foregoing will so fully reveal the gist of the present invention that others can, by applying current knowledge, readily adapt it for various
20 applications without omitting features that, from the standpoint of prior art, fairly constitute essential characteristics of the generic or specific aspects of this invention.